

**United States Environmental Protection Agency
Region 9 Laboratory****1337 S. 46th Street Building 201
Richmond, CA 94804****JAN 20 2010****Subject: Analytical Testing Results - Project R10S21
SDG: 10008A****From: *for* Brenda Bettencourt, Director *B. Bettencourt*
EPA Region 9 Laboratory
MTS-2****To: Lynda Deschambault
California Site Cleanup Section 1
SFD-7-1**

Attached are the results from the analysis of samples from the **Omega Chemical OU2 Nov/Dec 2009 Sampling** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

Electronic CC: Tom Perina, CH2M-Hill
Daniel Jablonski, CH2M-Hill

Analyses included in this report:

1,4-Dioxane by Method 8270D



United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone: (510) 412-2300 Fax: (510) 412-2302

Project Manager: Lynda Deschambault

Project Number: R10S21

Project: Omega Chemical OU2 Nov/Dec 2009
Sampling

California Site Cleanup Section 1

75 Hawthorne Street
San Francisco CA, 94105

SDG: 10008A

Reported: 01/15/10 17:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
HPIDW	1001007-01	Water	01/07/10 14:00	01/08/10 10:35

SDG ID 10008A

Work Order(s)

1001007



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed Method
Lab ID: 1001007-01							Water - Sampled: 01/07/10 14:00	
Sample ID: HPIDW								
1,4-Dioxane		0.6	C1, J	1	ug/L	B0A0057	01/11/10	01/13/10 8270C/SOP315
Semivolatile Organic Compounds by EPA Method 8270D								
<i>Surrogate: 1,4-Dioxane-d8</i>		63 %		10-129%		"	"	"

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B0A0057 - 3520B CLLE - 1,4-Dioxane										
Prepared: 01/11/10 Analyzed: 01/13/10										
Semivolatile Organic Compounds by EPA Method 8270D - Quality Control										
Blank (B0A0057-BLK1)										
1,4-Dioxane	ND	U		1 ug/L						
<i>Surrogate: 1,4-Dioxane-d8</i>	3.63			"	5.00		73	10-129		
LCS (B0A0057-BS1)										
1,4-Dioxane	35.6			1 ug/L	40.0		89	74-126		
<i>Surrogate: 1,4-Dioxane-d8</i>	3.42			"	5.00		68	10-129		
Matrix Spike (B0A0057-MS1)		Source: 1001007-01								
1,4-Dioxane	63.9			1.9 ug/L	76.6	0.557	83	54-141		
<i>Surrogate: 1,4-Dioxane-d8</i>	6.97			"	9.58		73	10-129		
Matrix Spike Dup (B0A0057-MSD1)		Source: 1001007-01								
1,4-Dioxane	69.6			1.9 ug/L	75.8	0.557	91	54-141	8	20
<i>Surrogate: 1,4-Dioxane-d8</i>	5.91			"	9.47		62	10-129		



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Qualifiers and Comments

J The reported result for this analyte should be considered an estimated value.

C1 The reported concentration for this analyte is below the quantitation limit.

U Not Detected

NR Not Reported

RE1, RE2, etc: Result is from a sample re-analysis.